

Particle Size Distribution Verification Report

Product: Oat Flour Superfine

Lot: LOT26A1/26022

Date of Analysis: March 13, 2026

Test Method and Sample Preparation

Particle size distribution was determined using a Beckman Coulter LS 13 320 Laser Diffraction Particle Size Analyzer equipped with a Dry Powder Dispersion System. Samples were analyzed as received using dry powder dispersion under vacuum. No chemical or solvent extraction was performed.

Results Summary

Parameter	Average Result
D10	8.83 μm
D50 (Median)	25.18 μm
D90	72.23 μm
Mean Particle Size	32.68 μm

Observed ranges: D10 = 8.53-9.24 μm ; D50 = 23.85-27.13 μm ; D90 = 65.16-89.77 μm .

Assessment

The commonly accepted nanoscale range is 1-100 nm (0.001-0.1 μm). The average D50 particle size was 25.18 μm (25,180 nm) and the average D10 was 8.83 μm (8,830 nm). All measured particle size percentiles were within the micrometer range and substantially larger than the nanoscale range.

Conclusion

Based on fourteen replicate laser diffraction analyses, Oat Flour Superfine (Lot LOT26A1/26022) is a micron-scale material and does not exhibit a particle size distribution consistent with nanomaterials. The product demonstrated particle sizes substantially larger than the 1-100 nm nanoscale range.

Prepared by:

Emily Wong

Quality Manager

Ceapro Inc., a subsidiary of COSCIENS Biopharma